

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007292.D
 Acq On : 06 Dec 2018 21:16
 Operator : SY/AP
 Sample : J6214-05RE
 Misc : 2.85G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 07 01:17:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	91019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	138946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	117777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	48832	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	35394	41.77	ug/l	0.00
Spiked Amount			Recovery	=	83.54%	
35) Dibromofluoromethane	7.89	113	33552	42.17	ug/l	0.00
Spiked Amount			Recovery	=	84.34%	
50) Toluene-d8	10.32	98	129355	36.91	ug/l	0.00
Spiked Amount			Recovery	=	73.82%	
62) 4-Bromofluorobenzene	12.62	95	43448	32.85	ug/l	0.00
Spiked Amount			Recovery	=	65.70%	

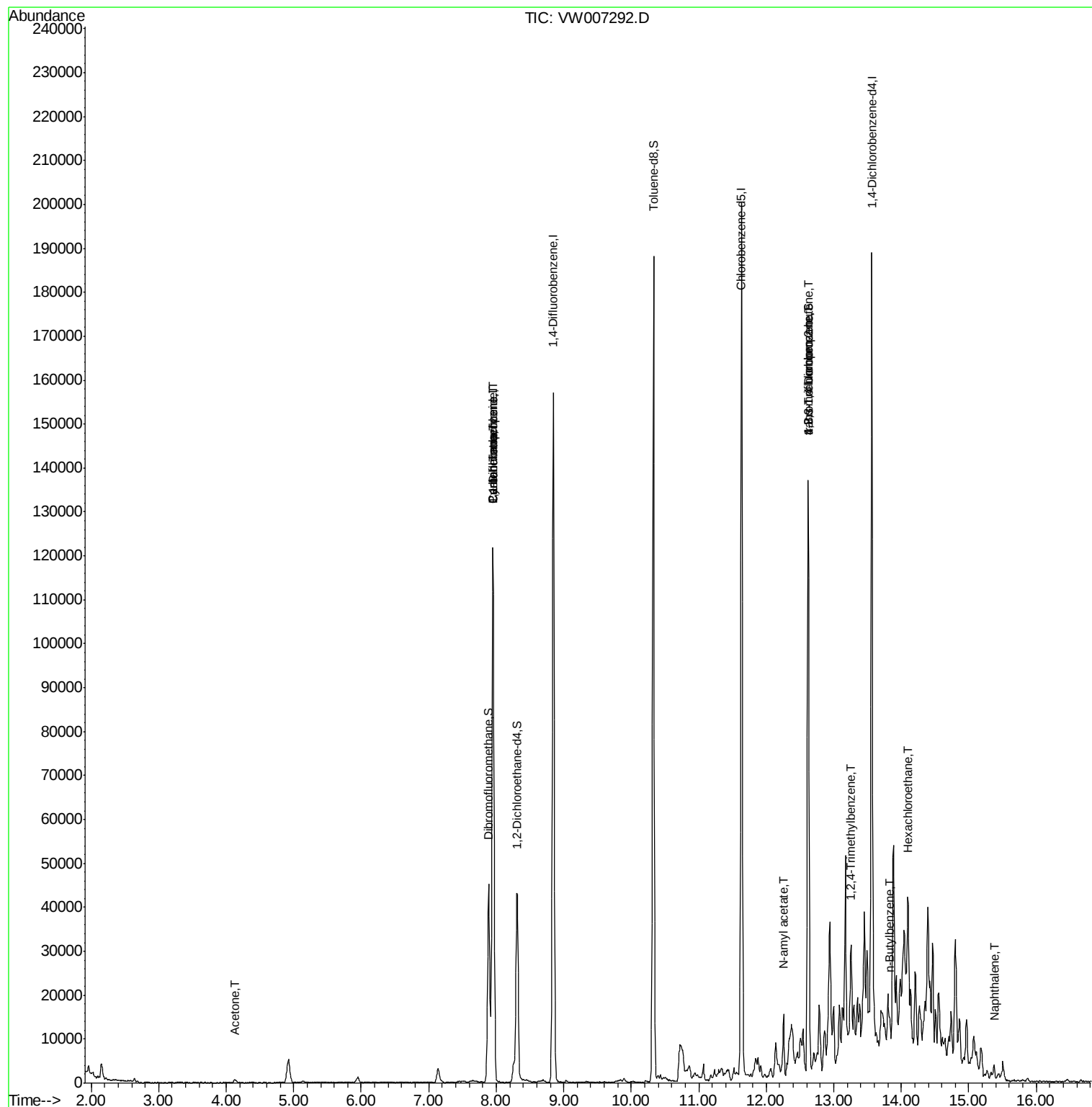
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	27	Below Cal	#	75
16) Acetone	4.13	43	1537	7.661	ug/l #	80
20) Methylene Chloride	4.92	84	4519	Below Cal	#	90
31) Cyclohexane	7.95	56	1818	1.081	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	6689	4.948	ug/l #	49
38) Carbon Tetrachloride	7.95	117	9263	6.713	ug/l #	17
74) N-amyl acetate	12.26	43	2566	3.644	ug/l #	66
76) 1,2,3-Trichloropropane	12.62	75	21738	57.491	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	21738	123.914	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.26	105	12591	3.630	ug/l	96
89) n-Butylbenzene	13.83	91	4134	1.172	ug/l #	71
90) Hexachloroethane	14.10	117	1365	2.374	ug/l #	14
95) Naphthalene	15.38	128	3691	1.951	ug/l	97

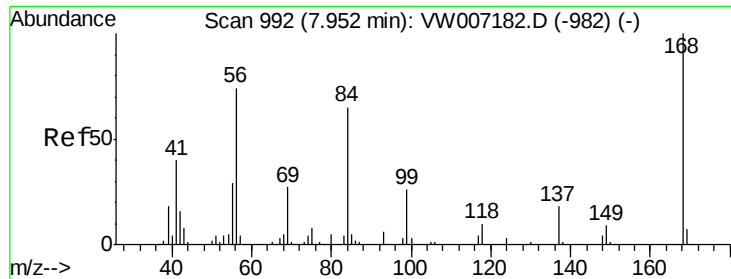
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120618\
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Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007292.D

Acq: 06 Dec 2018 21:16

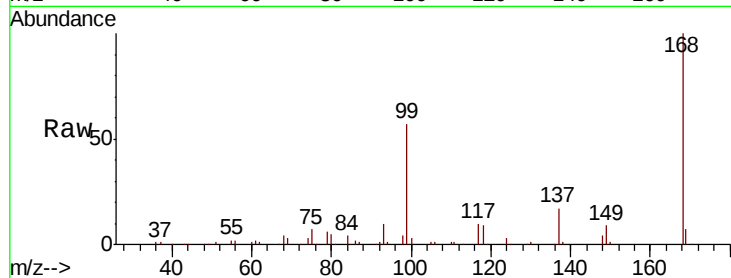
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 91019

Ion Ratio Lower Upper

168 100

99 57.5 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW007182.D (-982) (-)

Ion 98.90 (98.60 to 99.60): VW007292.D (-943) (-)

7.95

40000

30000

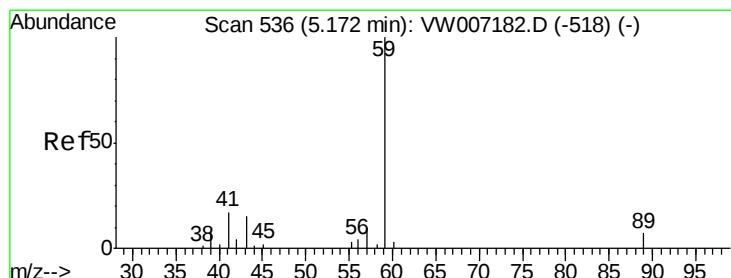
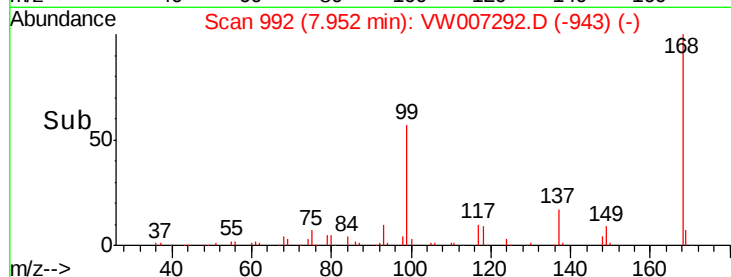
20000

10000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW007292.D

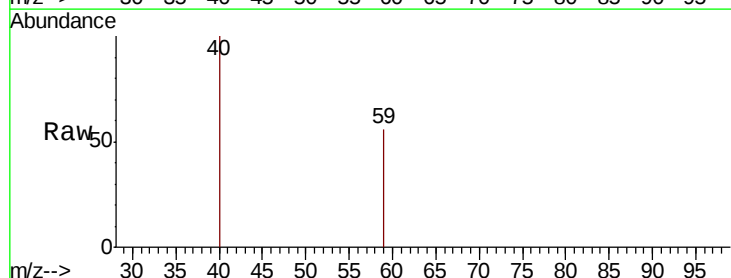
Acq: 06 Dec 2018 21:16

Tgt Ion: 59 Resp: 27

Ion Ratio Lower Upper

59 100

57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW007182.D (-518) (-)

Ion 57.00 (56.70 to 57.70): VW007292.D (-487) (-)

5.17

80

60

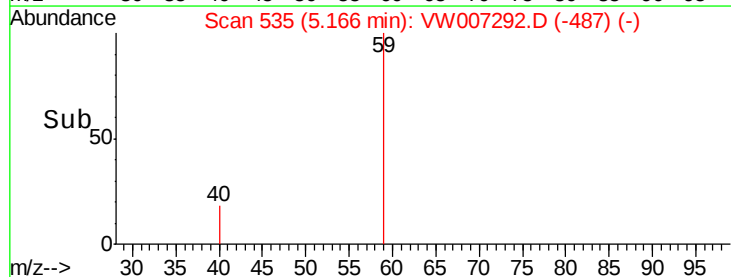
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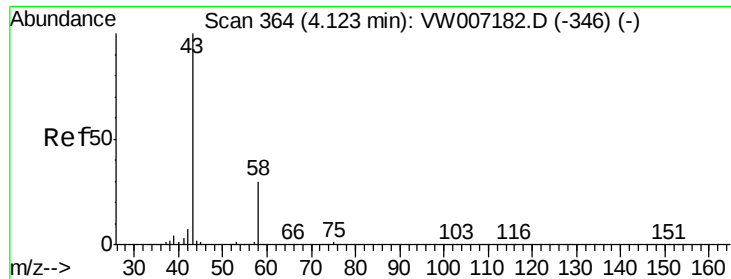
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0

5.16 5.17 5.17 5.17

Time-->

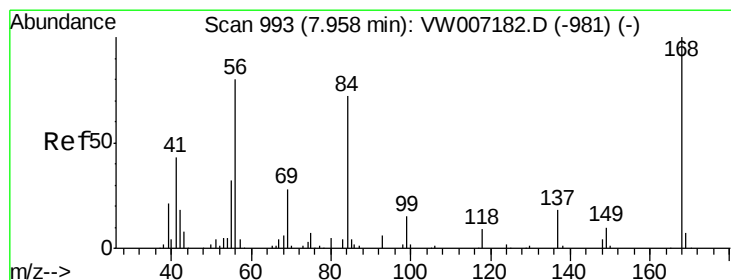
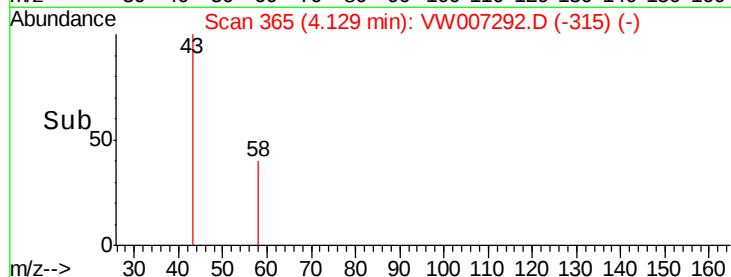
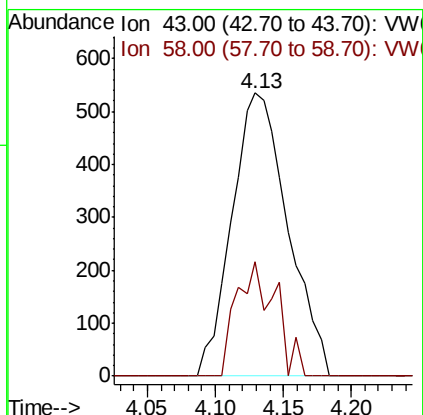
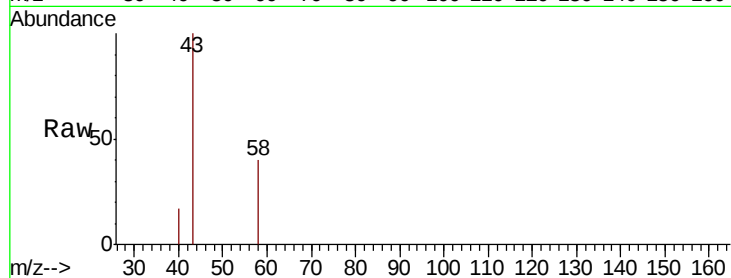




#16
Acetone
Concen: 7.661 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW007292.D
Acq: 06 Dec 2018 21:16

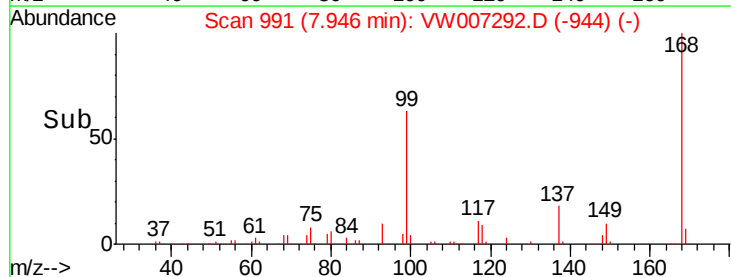
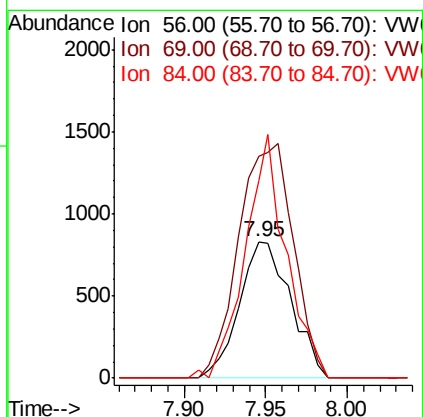
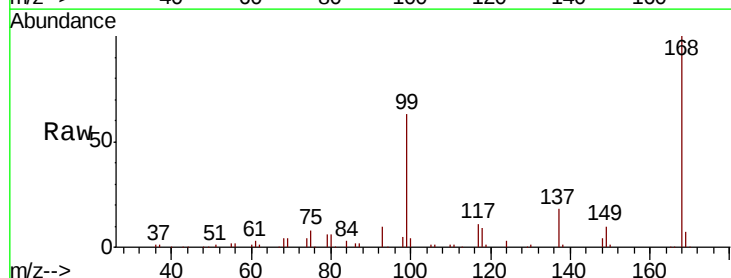
Instrument :
MSVOA_W
ClientSampleId :

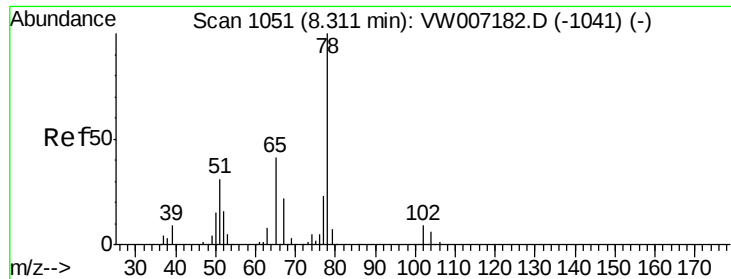
Tot Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
58 40.4 23.8 35.8#



#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007292.D
Acq: 06 Dec 2018 21:16

Tgt Ion: 56 Resp: 1818
Ion Ratio Lower Upper
56 100
69 162.4 28.2 42.2#
84 145.1 72.1 108.1#

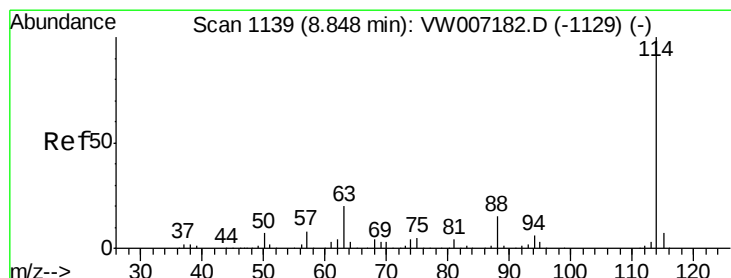
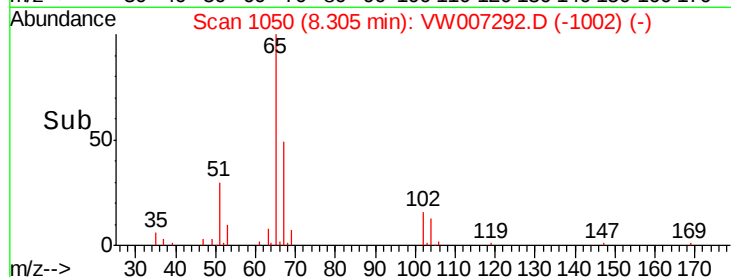
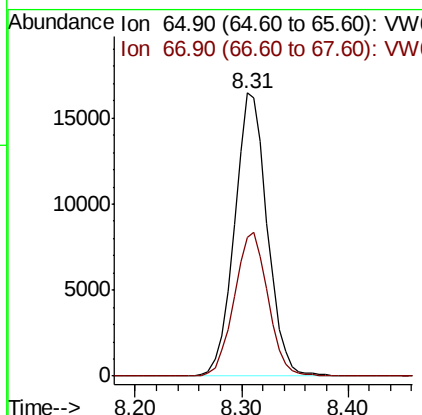
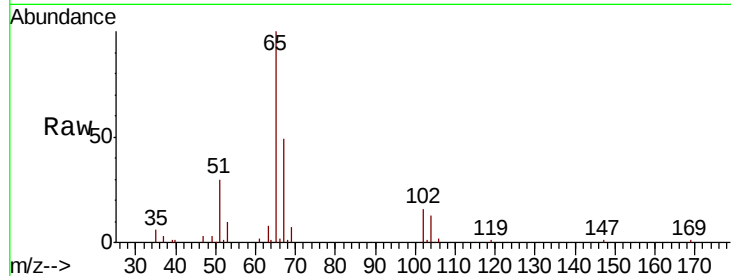




#33
 1,2-Dichloroethane-d4
 Concen: 41.767 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007292.D
 Acq: 06 Dec 2018 21:16

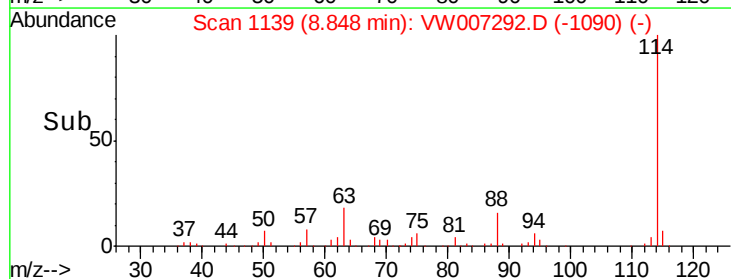
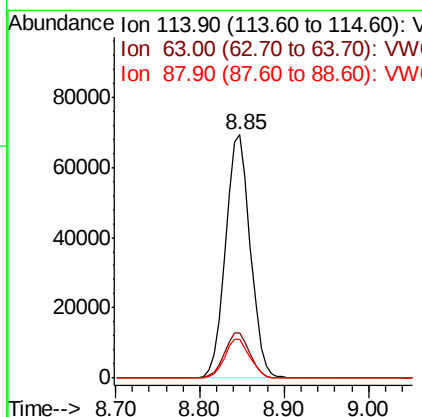
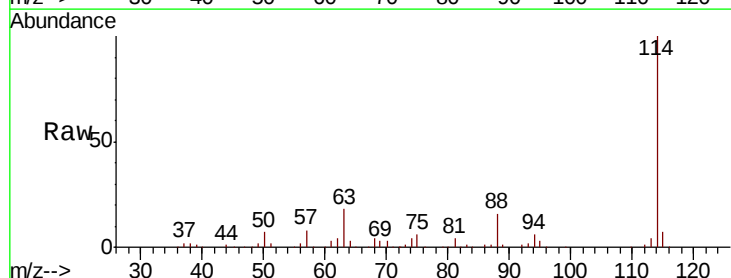
Instrument :
 MSVOA_W
 ClientSampleId :

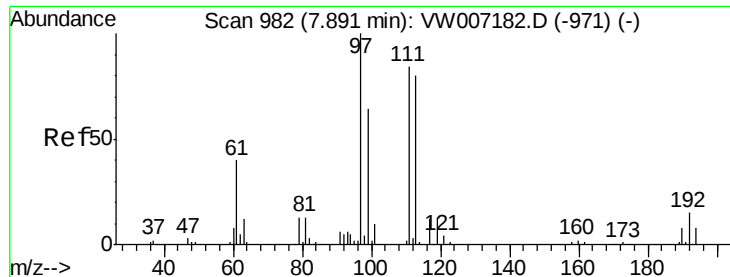
Tot Ion: 65 Resp: 35394
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007292.D
 Acq: 06 Dec 2018 21:16

Tgt Ion: 114 Resp: 138946
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 40.2
 88 15.8 0.0 30.0

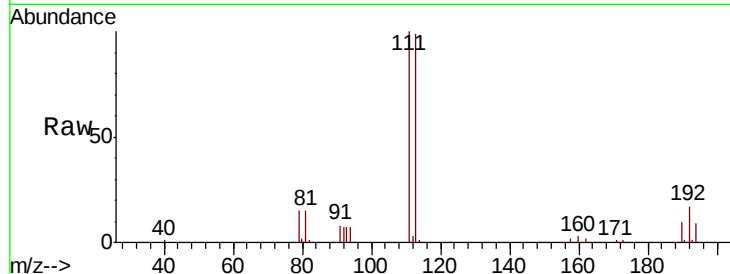




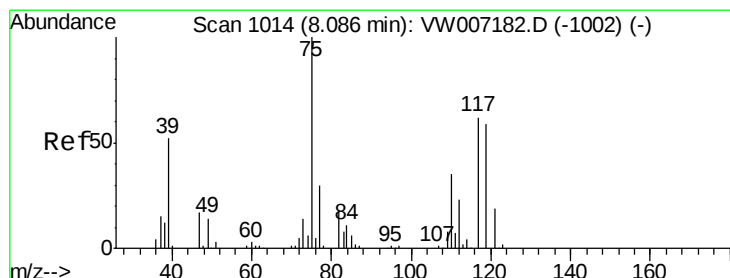
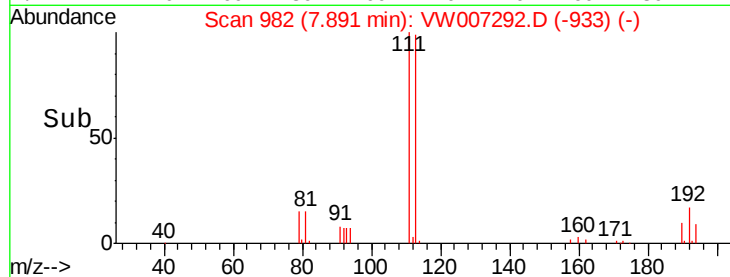
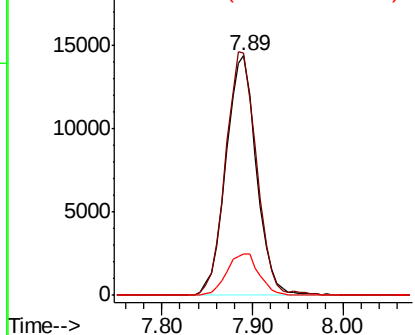
#35
 Dibromofluoromethane
 Concen: 42.172 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW007292.D
 Acq: 06 Dec 2018 21:16

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 33552
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.4
 192 18.1 14.4 21.6

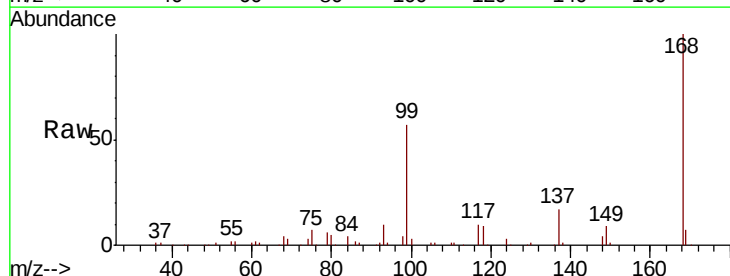


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

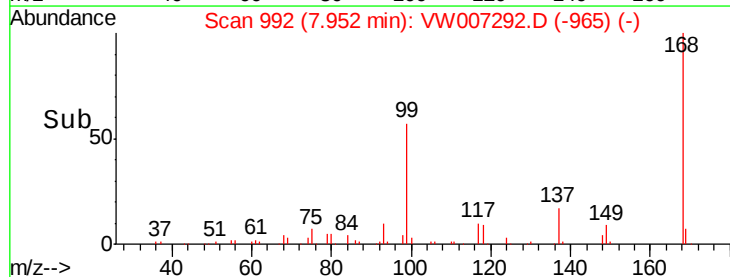
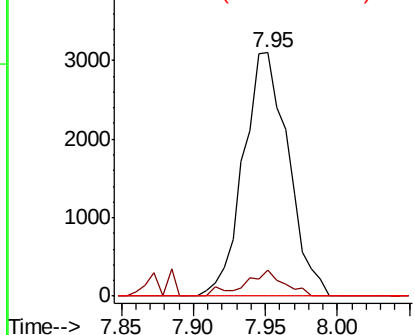


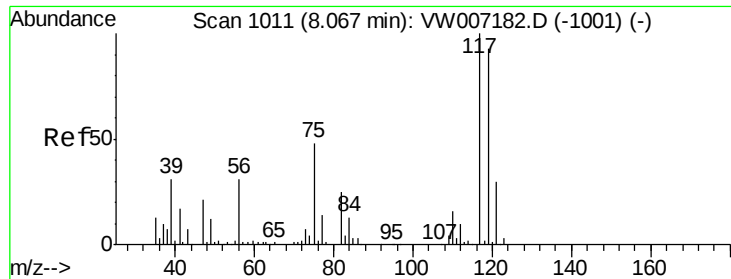
#36
 1,1-Dichloropropene
 Concen: 4.948 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007292.D
 Acq: 06 Dec 2018 21:16

Tgt Ion: 75 Resp: 6689
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.3 54.9#
 77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

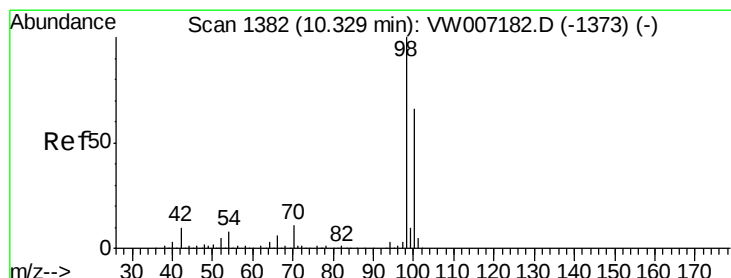
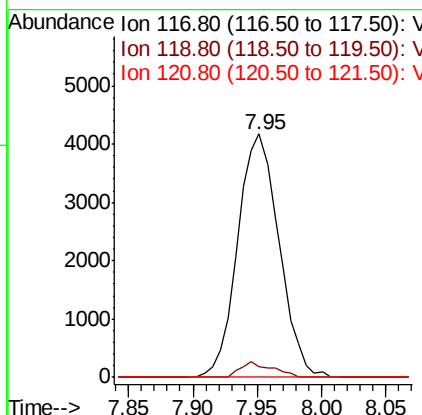
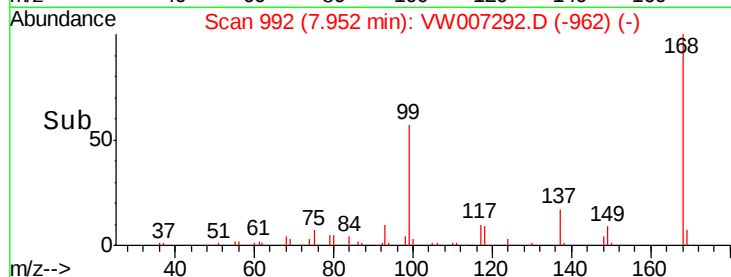
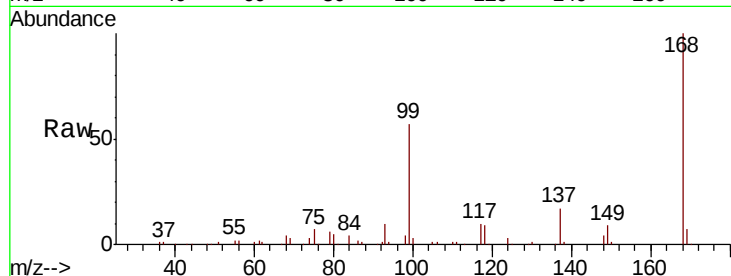




#38
Carbon Tetrachloride
Concen: 6.713 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007292.D
Acq: 06 Dec 2018 21:16

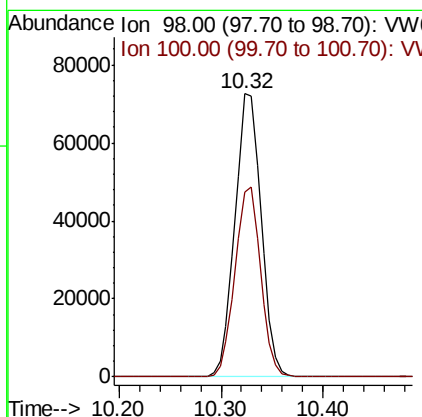
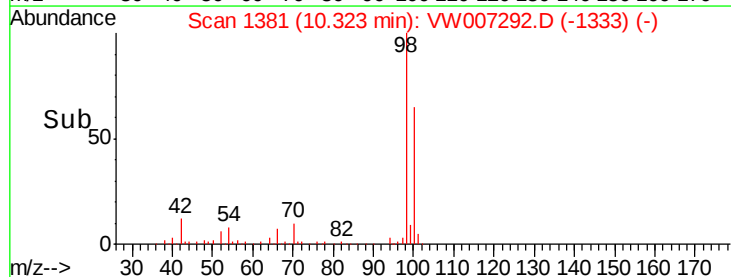
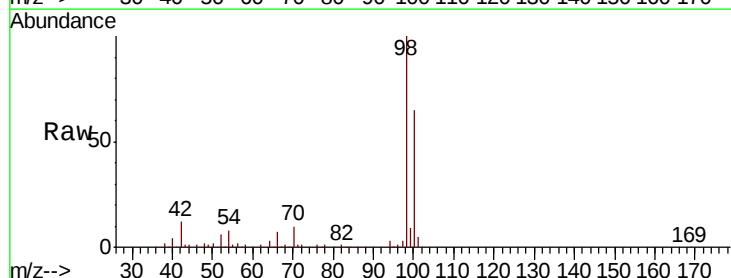
Instrument :
MSVOA_W
ClientSampled :

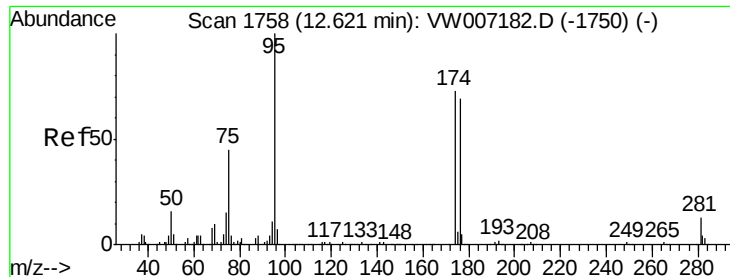
Tot Ion:117 Resp: 9263
Ion Ratio Lower Upper
117 100
119 4.5 74.1 111.1#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 36.910 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007292.D
Acq: 06 Dec 2018 21:16

Tgt Ion: 98 Resp: 129355
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1

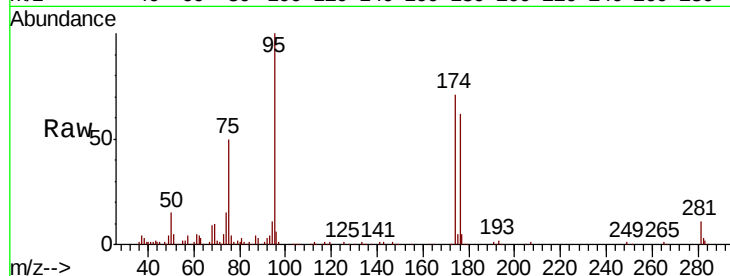




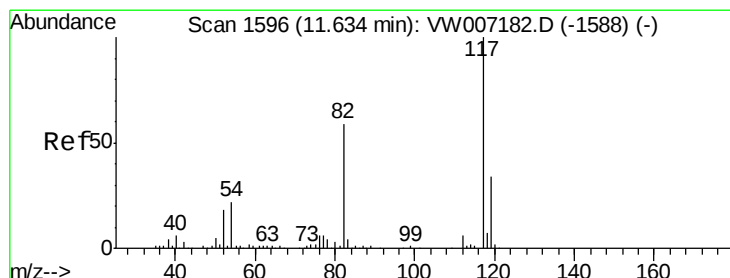
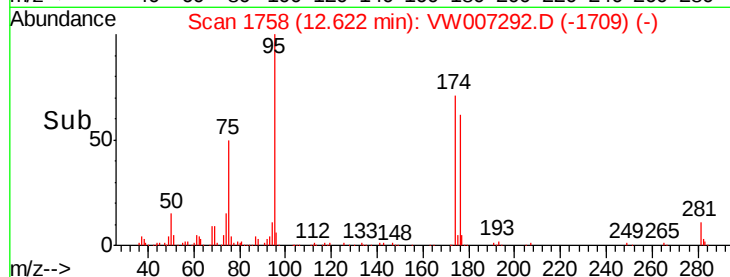
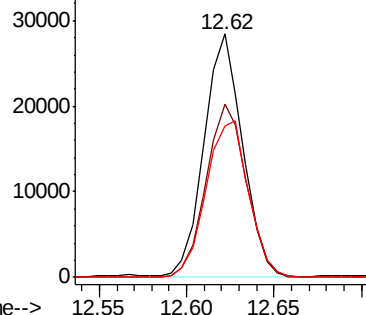
#62
4-Bromofluorobenzene
Concen: 32.846 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007292.D
Acq: 06 Dec 2018 21:16

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 95 Resp: 43448
Ion Ratio Lower Upper
95 100
174 75.0 0.0 148.0
176 71.1 0.0 139.4

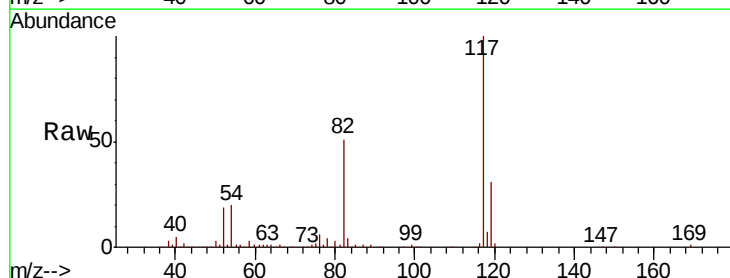


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

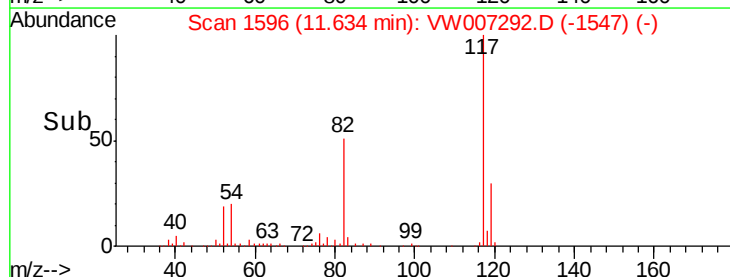
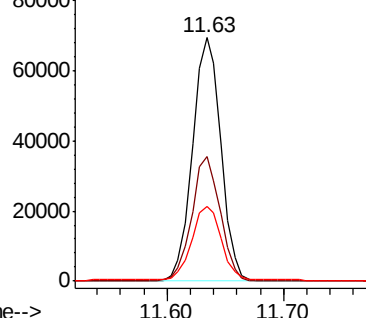


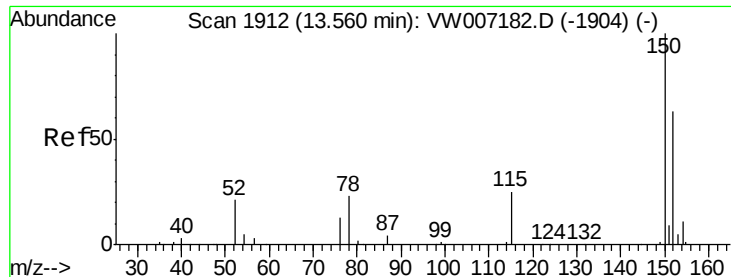
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007292.D
Acq: 06 Dec 2018 21:16

Tgt Ion: 117 Resp: 117777
Ion Ratio Lower Upper
117 100
82 51.0 47.4 71.2
119 30.1 26.8 40.2



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007292.D

Acq: 06 Dec 2018 21:16

Instrument :

MSVOA_W

ClientSampleId :

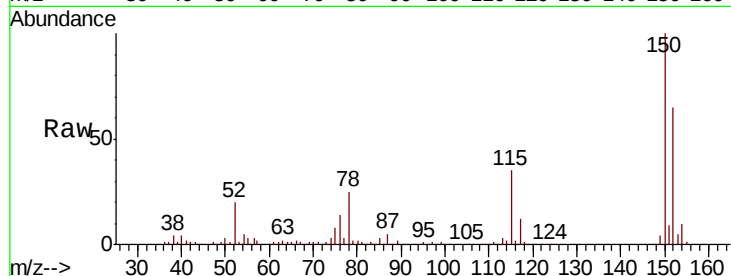
Tot Ion:152 Resp: 48832

Ion Ratio Lower Upper

152 100

115 58.9 31.3 93.8

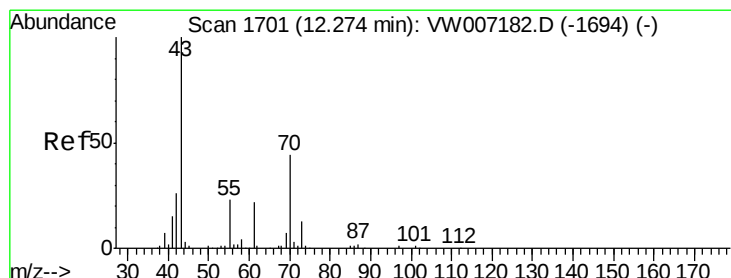
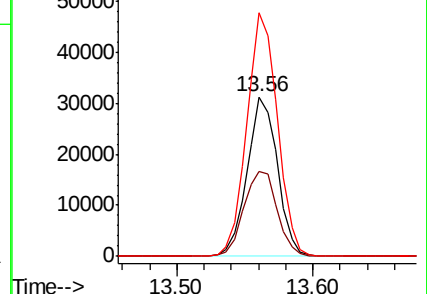
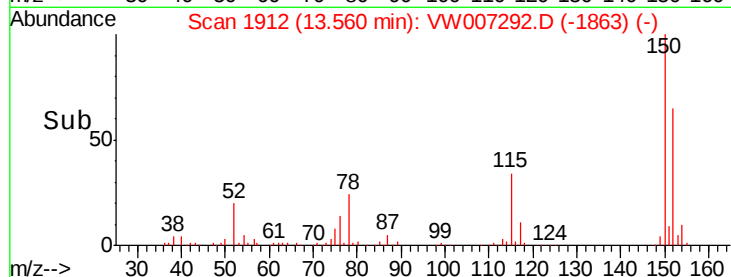
150 154.4 0.0 358.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 3.644 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007292.D

Acq: 06 Dec 2018 21:16

Tgt Ion: 43 Resp: 2566

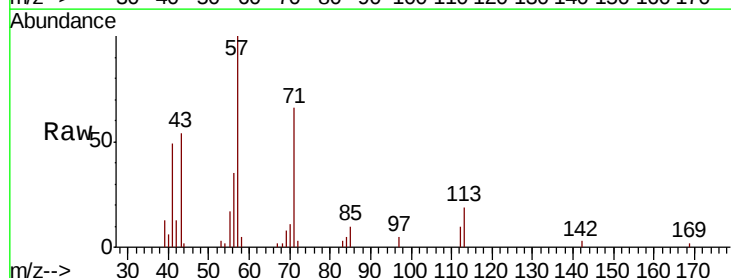
Ion Ratio Lower Upper

43 100

70 25.8 34.0 51.0#

55 39.1 19.0 28.6#

61 0.0 19.7 29.5#

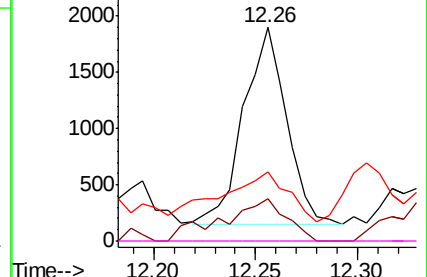
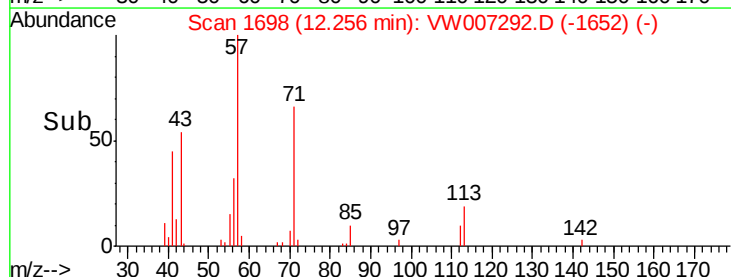


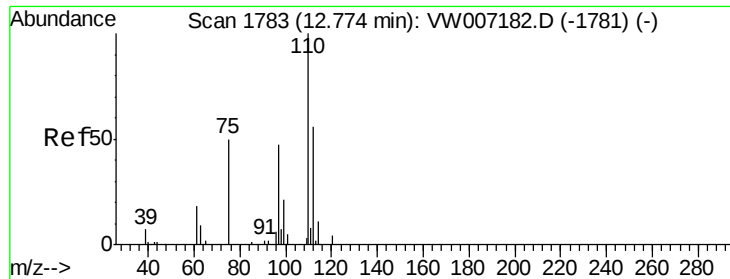
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#76

1,2,3-Trichloropropane

Concen: 57.491 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007292.D

Acq: 06 Dec 2018 21:16

Instrument :

MSVOA_W

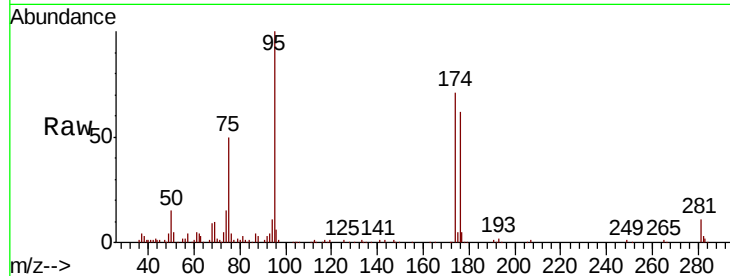
ClientSampleId :

Tot Ion: 75 Resp: 21738

Ion Ratio Lower Upper

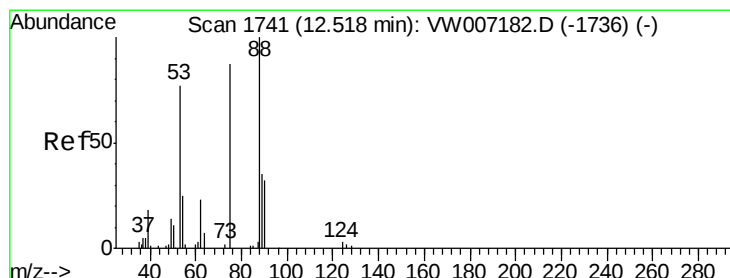
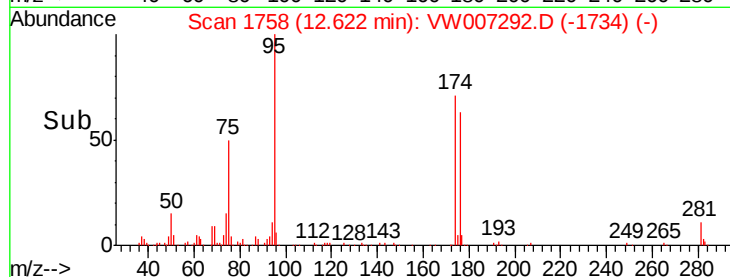
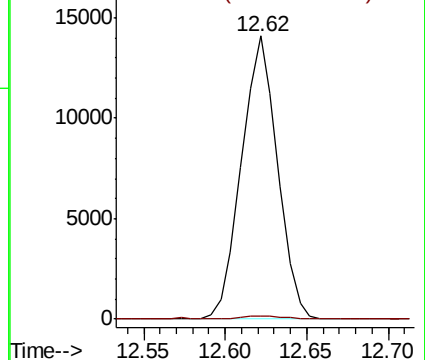
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 123.914 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007292.D

Acq: 06 Dec 2018 21:16

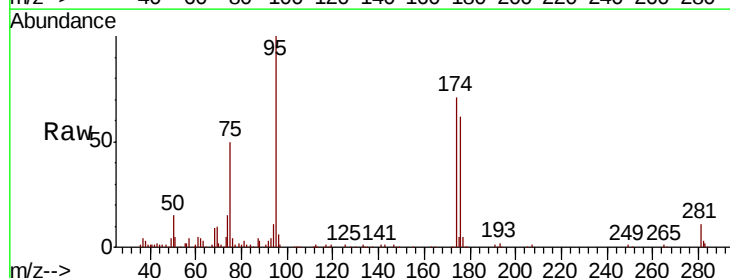
Tgt Ion: 75 Resp: 21738

Ion Ratio Lower Upper

75 100

53 0.5 72.8 109.2#

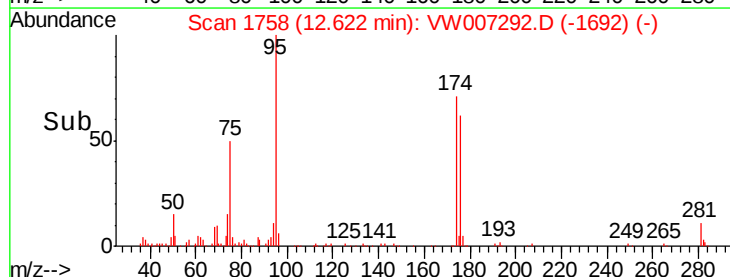
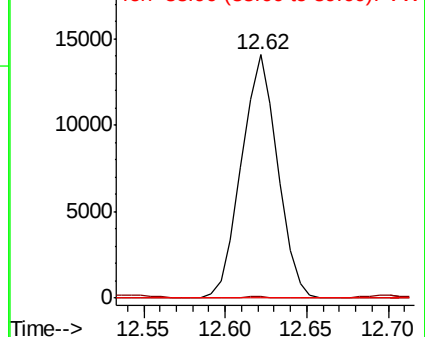
89 0.2 36.4 54.6#

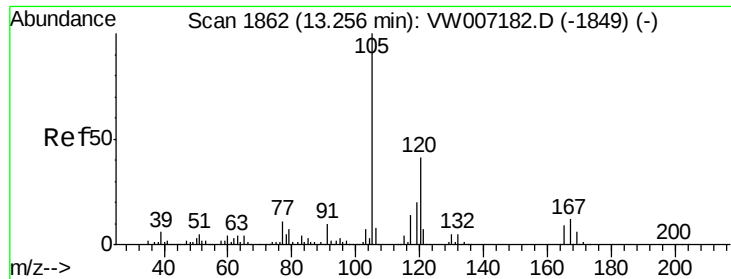


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

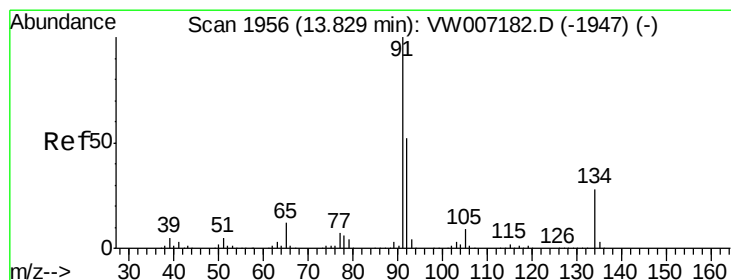
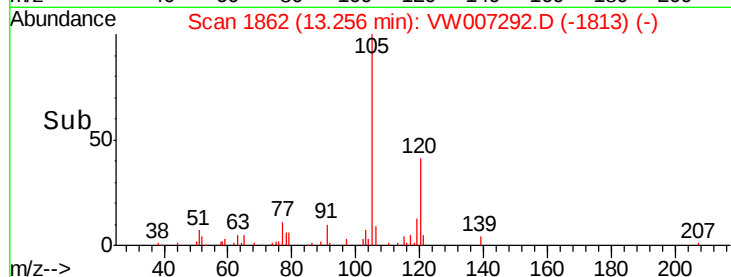
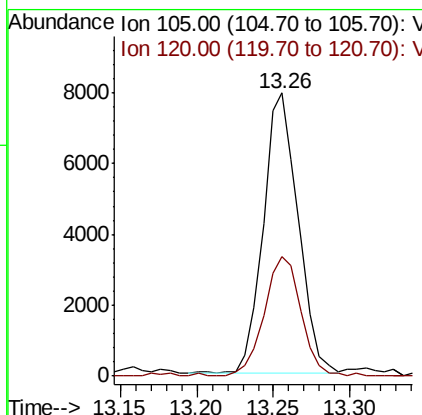
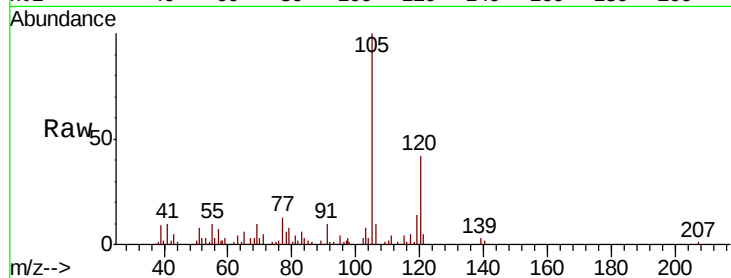




#84
 1,2,4-Trimethylbenzene
 Concen: 3.630 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007292.D
 Acq: 06 Dec 2018 21:16

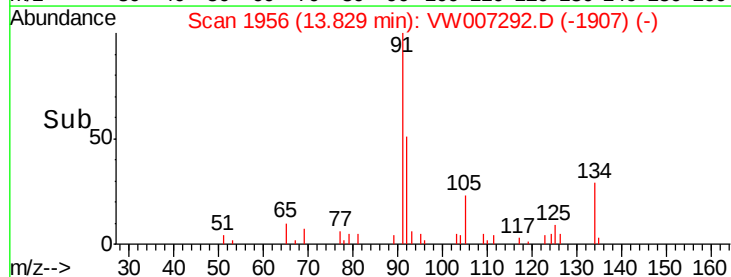
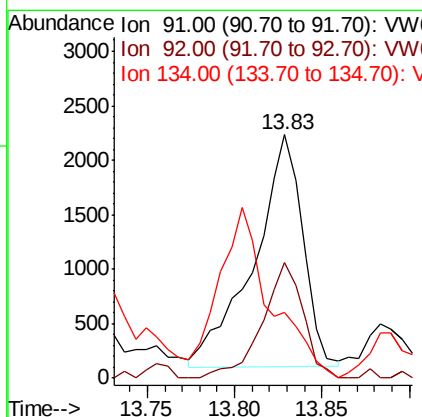
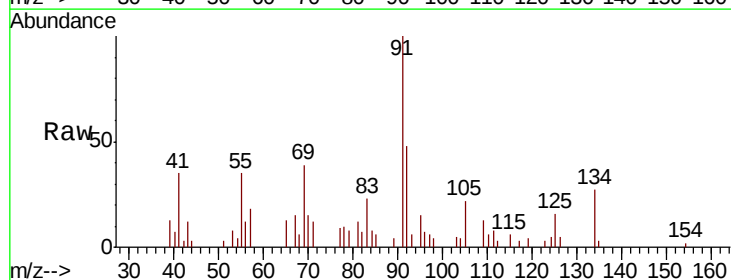
Instrument :
 MSVOA_W
 ClientSampled :

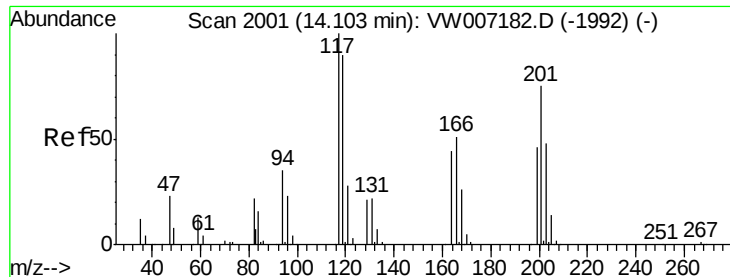
Tot Ion:105 Resp: 12591
 Ion Ratio Lower Upper
 105 100
 120 44.7 21.1 63.3



#89
 n-Butylbenzene
 Concen: 1.172 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW007292.D
 Acq: 06 Dec 2018 21:16

Tgt Ion: 91 Resp: 4134
 Ion Ratio Lower Upper
 91 100
 92 41.6 26.5 79.5
 134 0.0 14.1 42.2#





#90

Hexachloroethane

Concen: 2.374 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW007292.D

Acq: 06 Dec 2018 21:16

Instrument :

MSVOA_W

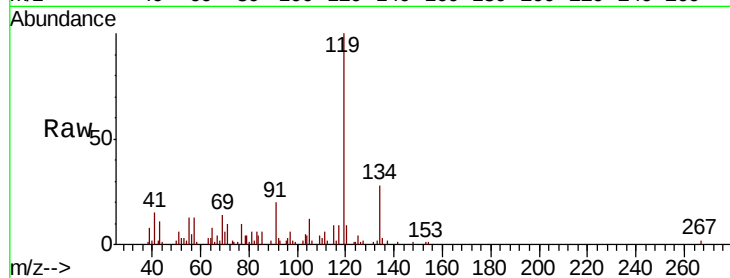
ClientSampleId :

Tot Ion:117 Resp: 1365

Ion Ratio Lower Upper

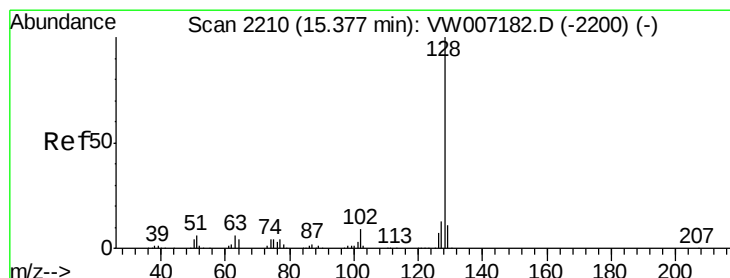
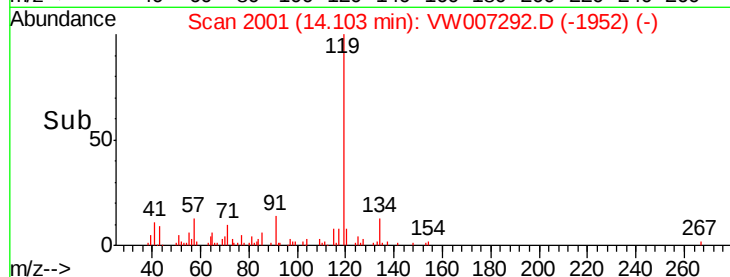
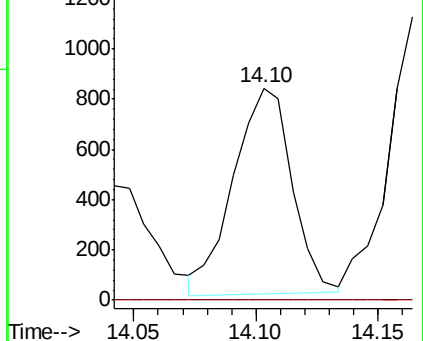
117 100

201 0.0 36.0 108.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 1.951 ug/l

RT: 15.38 min Scan# 2211

Delta R.T. 0.01 min

Lab File: VW007292.D

Acq: 06 Dec 2018 21:16

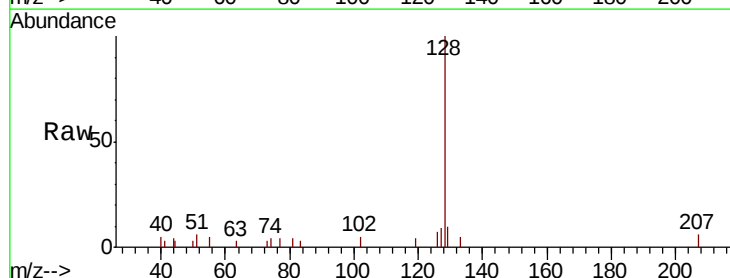
Tgt Ion:128 Resp: 3691

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

129 12.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

